

Title: MISFIRE DETECTING APPARATUS FOR INTERNAL COMBUSTION ENGINE AND METHOD THEREOF

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This schematic diagram illustrates a vehicle control system. At the center is the ECU (Engine Control Unit), labeled 113. It is connected to several components:

- Sensors:** A throttle position sensor (119), a crankshaft position sensor (123), and a camshaft position sensor (120) provide input to the ECU.
- Actuators:** The ECU controls the throttle body (102) via a throttle cable (103a) and the fuel injection system (104) via a fuel line (103b).
- Other Components:** The ECU is also connected to a transmission control unit (116) and a power steering unit (117).
- Engine and Transmission:** The engine (101) and transmission (105) are shown with various internal components like the crankshaft (106), pistons (107), and valves (108).
- Other Labels:** Various other parts are labeled with numbers such as 110A, 110B, 111, 112, 114, 114A, 114B, 115, 118, 121, and 122.